



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 11] नई दिल्ली, शनिवार, मार्च 15, 1975 (फाल्गुना 24, 1896)  
No. 11] NEW DELHI, SATURDAY, MARCH 15, 1975 (PHALGUNA, 24 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 15th March, 1975

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

6th February, 1975

- 217/Cal/75. Council of Scientific and Industrial Research. A process for making prestressed concrete poles using high strength deformed bars and portable/disposable stressing beds.
- 218/Cal/75. Cabot Corporation. Process for producing carbon black.
- 219/Cal/75. Coulter Information Systems, Inc. Electrophotographic film member. [Addition to No. 2663/Cal/73].
- 220/Cal/75. Girling Limited. Improvements in brake adjusters. (February 16, 1974).
- 221/Cal/75. Girling Limited. Tandem Control Valve. (February 20, 1974).
- 222/Cal/75. Boehringer Ingelheim GMBH. Process for the preparation of new diaralkylamine. [Divisional date November 19, 1963].
- 223/Cal/75. Siemens Aktiengesellschaft. Regulation arrangement for an electric power supply system.

7th February, 1975

- 224/Cal/75. Shri Dhar. Indoor antenna for television apparatus.

497GI/74

- 225/Cal/75. Specta International B.V. Process for preparing diazepin derivatives.
- 226/Cal/75. Federal-Mogul Corporation. Process for making sectionalized precision components.
- 227/Cal/75. DSO "Mlechna Promishlenost". Method for obtaining yeasts bulgarian youghurt.
- 228/Cal/75. Chinoim Gyogyszer Es Vegyeszeti Yermekok Gyara R. T. Process for the preparation of new propylamine derivatives [Divisional date July 28, 1962].
- 229/Cal/75. Bayer Aktiengesellschaft. Polymerisable organic dispersion.
- 230/Cal/75. Bayer Aktiengesellschaft. Separating solids from gas stream.
- 231/Cal/75. Henrious Gerhardus Hermanus Maria Pat. A method and apparatus for pre-incubating eggs.

10th February, 1975

- 232/Cal/75. RCA Corporation. Method of selectively depositing glass on semiconductor devices.
- 233/Cal/75. Murari Roy. Improvements in or relating to electrically operated mini-cars.
- 234/Cal/75. Cassella Farbwerke Mainkur Aktiengesellschaft. Water-soluble tetrakis-azo dyestuffs.
- 235/Cal/75. Sandoz Ltd. Improvements in or relating to organic compounds. (February 11, 1974).
- 236/Cal/75. G.P.E. General Patent Exploitation Establishment. A process for drying wood.
- 237/Cal/75. Dr. I. Herskovits and Dr. R. Herskovits. A mouth implant, A method of inserting the implant in the mouth, and a tool for machining the dental arch of the jaw bone for reception of the implant.

- 238/Cal/75. Encolino (Process) Limited. Improvements in and relating to printing apparatus. (February 20, 1974).
- 239/Cal/75. Unelec. Safety device having a thermal and an electromagnetic release for a multi-pole circuit-breaker.
- 240/Cal/75. Schweiter Engineering Works Ltd. Apparatus to test for the presence of one only thread in textile machines, and method.
- 241/Cal/75. The Goodyear Tire & Rubber Company. Vibration damper and method of making said damper.
- 242/Cal/75. Director-General of the Agency of Industrial Science and Technology. Process for the production of ashless liquid fuels. (February 4, 1975)
- 243/Cal/75. David Sciaky. Rotating arc welding method and apparatus

11th February, 1975

- 244/Cal/75. Dalmia Institute of Scientific & Industrial Research. Process for the manufacture of improved refractory articles.
- 245/Cal/75. Orissa Cement Limited. Calcination of refractory materials.
- 246/Cal/75. Ashok Kumar & Vijay Kumar. Improvements in and relating to a method and device for dynamic compaction.
- 247/Cal/75. Bayer Aktiengesellschaft Heat exchange with gas/solids mixtures.
- 248/Cal/75. Girling Limited. Brake pressure control valves. (February 20, 1974).
- 249/Cal/75. Seymour Norman Blackman. Method of making a clinical monocoque glass thermometer.
- 250/Cal/75. Chromax Limited. Mandrels for supporting containers. (February 13, 1974).
- 251/Cal/75. Metallgesellschaft Aktiengesellschaft. Method of operating a power plant.
- 252/Cal/75. Smt. Monika Roy. Device for converting gravitational force into mechanical energy.

12th February, 1975

- 253/Cal/75. D. P. Mistry. Bush bearing for spindle of a clockwork mechanism.
- 254/Cal/75. Institut Français Du Pétrole, Des Carburants, Et Lubrifiants, and Sosa Texcoco S.A. Process for concentrating dilute suspensions and a device therefor. [Addition to No. 135958].
- 255/Cal/75. National Instruments Ltd. Improvements and import substitution in or relating to high tension power packs.
- 256/Cal/75. Aktiebolaget Peritus. Improvements in or relating to electrical switchgear.
- 257/Cal/75. Aktiebolaget Peritus. Improvements in or relating to toggle mechanisms.
- 258/Cal/75. Bo Wennersten. Electrical forked contact assembly for receiving a contact blade.
- 259/Cal/75. Bo Wennersten. Actuating device for rotatable shaft which in certain positions of rotation is axially disconnectible from the actuating device and which in certain other positions is axially fastened to the actuating device.
- 260/Cal/75. USM Corporation. Improvements in or relating to methods of and apparatus for treating particulate material with a gas. (February 16, 1974).
- 261/Cal/75. Pont-A-Mousson S.A. Sealing structure for a machine for centrifugally casting pipes and machine including said structure
- 262/Cal/75. The Electricity Council. Improvements in or relating to sodium sulphur cells. (February 15, 1974).
- 263/Cal/75. Burroughs Corporation. CCD stack memory organization.

- 264/Cal/75. Burroughs Corporation. Charge coupled device stack memory organization and refresh method.
- 265/Cal/75. Burroughs Corporation. Buttable display panel.
- 266/Cal/75. Wheelabrator-Frye Inc. Portable apparatus for blast cleaning.
- 267/Cal/75. Stabilimento bioterapico Farmacologico La Farmochimica Italiana S.P.A. A method for preparing chemical compounds for use in trichomoniasis and candidosis treatment.
- 268/Cal/75. Leningradsky Nauchno-Issledovatel'sky Institut Antibiotikov. Method of preparing griseofulvin.

APPLICATION FOR PATENTS FILED AT THE  
(BOMBAY BRANCH)

25th January, 1975

- 23/Bom/75. M. V. Sreenivasa Raju. Quick closing device rotating digesters in paper industry.

27th January, 1975

- 24/Bom/75. Ciba-Geigy of India Limited. Process for the manufacture of azo dyestuffs.
- 25/Bom/75 S. R. Kumar. Battery operated car lock.
- 30th January, 1975
- 26/Bom/75. Mrs. Shanta Priyal Kulkarni. Replacable wearing pieces of rubber or plastic for soles of footwear.
- 27/Bom/75. Rajendra Sing. Brain waves feed-back apparatus.

## ALTERATION OF DATE

136851. }  
2149/Cal/74 } Ante-dated to 15th June, 1972
136862. }  
2027/Cal/74. } Ante-dated to 13th July 1972.

CLASS 32F**b**.

94812.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32F**b**

94812

## PROCESS FOR PREPARING NEW PYRROLE DERIVATIVES.

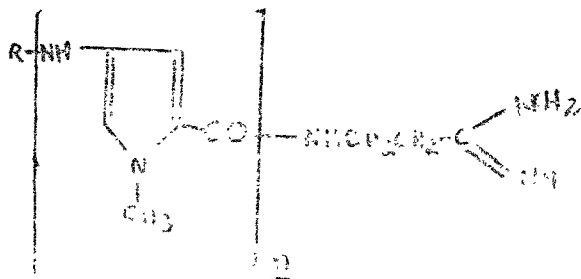
SOCIETA FARMACEUTICI ITALIA, OF 1/2. LARGE GUIDO DONFAGANI, MILAN, ITALY.

Application No. 94812 filed July 21, 1964.

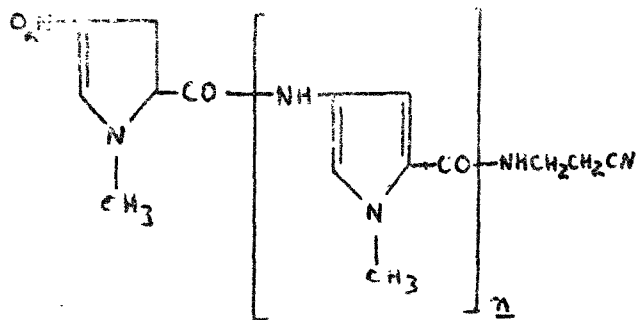
Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

A process of preparing pyrrole derivatives having the general organic structure skeleton designated in Formula I.



which comprises subjecting a compound having the formula II.



to alcoholysis in the presence of hydrogen chloride, aminating the resulting imino-ether hydrochloride, catalytically hydrogenating by methods known per se the resulting amidine hydrochloride and, where appropriate acylating by methods known per se, and/or isolating by methods known per se as a free base or acid addition salt.

CLASS 32, +F.b.

100377.

## PROCESS FOR PREPARING PYRROLE DERIVATIVES.

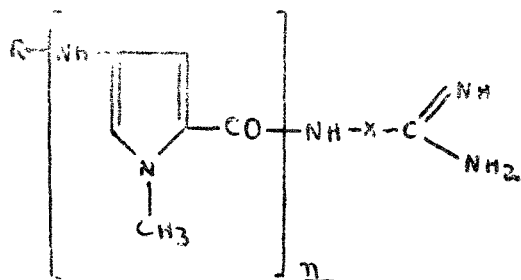
SOCIETÀ FARMACEUTICI ITALIA, OF 1/2, LARGO GUIDO DONEGANI, MILAN, ITALY.

Application No. 100377 filed July 2, 1965.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 1 Claim.

A process of preparing pyrrole derivatives having the formula I.



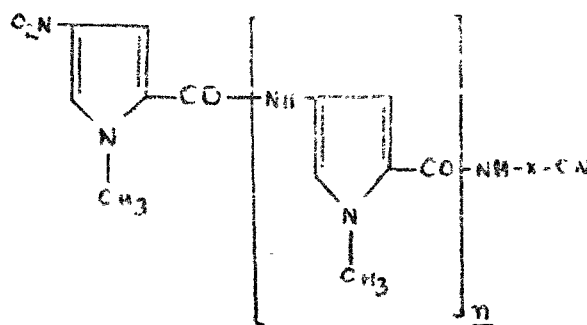
and their non-toxic organic or inorganic acid addition salts, wherein

when  $n=2$ , or 3, X is  $-(CH_2)_y$  - or  $p$ -phenylene wherein  $y$  is 1, 3, 4, 5 or 6;

when  $n=4$ , 5 or 6, X is  $-(CH_2)_y$  - or  $p$ -phenylene wherein  $y$  is 1, 2, 3, 4, 5 or 6; and

R = H or  $-CHO$ ,

in which process a compound having the formula II.



wherein when  $n=1$  or 2, X is  $-(CH_2)_y$  - or  $p$ -phenylene wherein  $y$  is 1, 3, 4, 5 or 6;

when  $n=3$ , 4, or 5, X is  $-(CH_2)_y$  - or  $p$ -phenylene wherein  $y$  is 1, 2, 3, 4, 5 or 6.

is reacted under anhydrous conditions with a lower aliphatic alcohol and hydrogen chloride to reduce the cyanide group to the corresponding imino-ether hydrochloride, under anhydrous conditions with ammonia in a lower aliphatic alcohol to amine the imino-ether to the corresponding amidine hydrochloride, catalytically hydrogenated to reduce the nitro group to the corresponding amino derivative, and where appropriate the product is acylated in a known manner and transformed into a non-toxic organic or inorganic acid addition salt.

CLASS 32F.a+F.c &amp; 55E.

107283.

## PROCESS FOR PREPARING STEROID THIOKETALS.

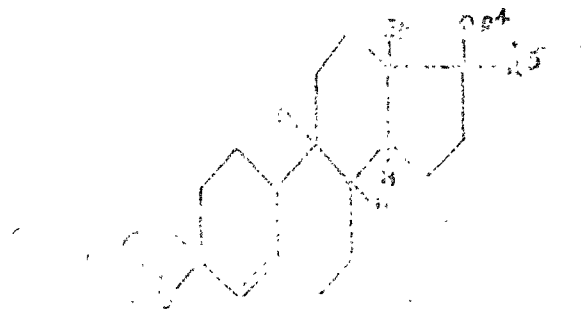
HERCHEL SMITH, OF 500 CHESTNUT LANE, WAYNE, DELAWARE COUNTY, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 107283 filed September 30, 1966.

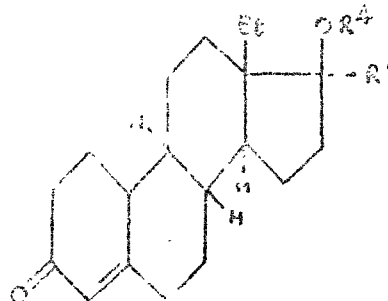
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A process for preparing a steroidal thioacetal of the formula II.



where  $R^5$  is a methyl, ethyl, ethynyl or chloroethynyl group,  $R^4$  is a hydrogen atom or an acyl group and  $n$  is 2 or 3 characterised in that a 3-ketone of formula III.



where  $R^4$  and  $R^5$  are as defined above, is thioacetalised, with ethane or propane-dithiol in the presence of an acidic

catalyst; and, optionally, where  $R^4$  in the product of the reaction is a hydrogen atom the  $17\beta$ -OH group is esterified in a manner such as herein described.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b.

129209.

PROCESS FOR THE PREPARATION OF BENZODIAZEPINE DERIVATIVES.

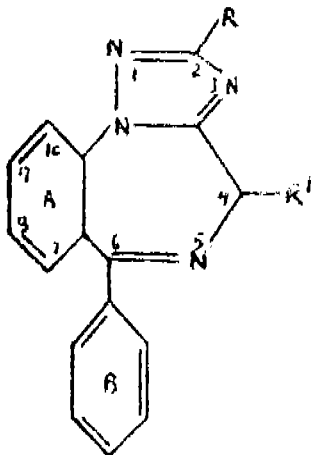
TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27, DOSHOMACHI, 2-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Application No. 129209 filed November 12, 1970.

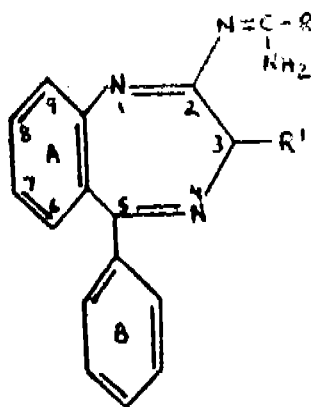
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A method for producing a-triazolo (1,5-a)(1,4) benzodiazepine derivative of the general formula I.



wherein R is hydrocarbon residue,  $R'$  is hydrogen or lower alkyl, rings A and/or B are unsubstituted or substituted by halogen nitro, trifluoromethyl, alkyl or alkoxy and the nitrogen atom at the 5-position is accompanied or unaccompanied with an oxygen atom, which comprises subjecting 2-(substituted amidino)-1, 4-benzodiazepine derivative of the general formula V.



wherein R,  $R'$  and rings A and B have the meaning as hereinbefore defined, and the nitrogen atom at the 4-position is accompanied or unaccompanied with an oxygen atom, to the cyclization reaction in a manner such as herein described; and subsequently, if necessary, in case where the nitrogen at the 5-position of the resulting product is accompanied with an oxygen atom, treating the resulting product with deoxygenating agent.

CLASS 128F+G.

130438.

MEDICAMENT PACKAGE ADAPTED FOR CONTAINING A VOLATILE MEDICATION.

IMS LIMITED, OF 408 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA 90013, UNITED STATES OF AMERICA.

Application No. 130438 filed March 2, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A novel medicament package particularly adapted for the containment of volatile medication comprising a cylindrical shell vial having an open end and a closed end, an inwardly extending annular shoulder integral with said vial and in proximity to the open end of said vial, an imperforate resilient stopper within said vial and sealing the closed end of said vial, the peripheral portion of that side of the stopper facing the open end of the vial forming a seal on the inner surface of said shoulder to prevent the outward movement of said stopper within said vial under the influence of the vapour pressure of said volatile medication, which is intended to be contained therein said stopper being adapted to reciprocate in a piston-like fashion to the closed end of said vial to expel the medication to be contained therein when said stopper has been punctured.

CLASS 32F<sub>2</sub>b & 55D<sub>2</sub>+E<sub>1</sub>+F.

132126.

PROCESS FOR THE PREPARATION OF THIAZOLIDINE DERIVATIVES.

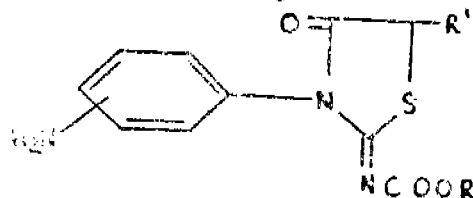
RHONE-POULENC S.A. OF 22 AVENUE MONTAIGNE, PARIS 8E, FRANCE.

Application No. 132126 filed July 15, 1971.

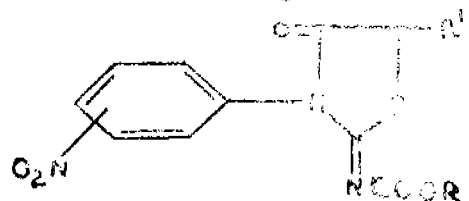
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Process for the preparation of thiazolidine derivatives of the general formula shown in Fig. 1.



(wherein R represents an alkyl radical containing 1 to 4 carbon atoms, and  $R'$  represents a hydrogen atom, an alkyl radical containing 1 to 4 carbon atoms or a phenyl radical, which comprises reducing a 3-(nitrophenyl) thiazolidine of the general formula shown in Fig. II.



(wherein R and  $R'$  are as hereinbefore defined) by a known method as herein described for the reduction of a nitro radical to an amino radical without affecting the rest of the molecule.

CLASS 89, 105B & 195B.

136845.

A DEVICE FOR INDICATING CONTENTS OF GAS UNDER PRESSURE.

MOMSHA VIJAY INDUSTRIES, 685, RAVIVAR PETH, POONA-2, MAHARASHTRA STATE, INDIA.

Application No. 984/72 filed July 26, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 2 Claims.

A device for indicating contents of gas under pressure comprising a two way valve, with a piston and spring loaded plunger, a small chamber located in between the two ways characterised in that the horizontal axes of the said two way valve are provided at different levels, the upper opening being connected to the consumption end while lower opening being connected with the regulator end of the L.p.g. cylinder the internal pressure of gas causes to lift the said piston against the said light spring loaded plunger indicating that the gas is full in quantity, and as the gas is consumed the pressure in the cylinder drops as a result of which the pressure on the said spring loaded plunger and the said piston is reduced and the said piston travels downwards resulting in the closure of the opening connected to the said consumption end stopping the supply thus offering the desired indication that the level of the L.p.g. in the cylinder has dropped to the pre-determined lower level, whereupon the said spring loaded plunger being lifted by a knob at the top which being turned through 90° to get locked in such that the balance quantity of L.p.g. again starts flowing through the said upper opening connected to the consumption end.

CLASS 27H+I.

136846.

## CUBOIDAL STRUCTURE.

SUKEO TSURUMI, OF 574-62, NIINA, MINOO-SHI, OSAKA-FU, JAPAN.

Application No. 1340/72 filed September 5, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

A cuboidal structure formed by assembling six face plate units, at least four of said face plate units each having at least one linking portion which is identical to at least one linking portion of the other three face plate units, each face plate unit being linked to four other face plate units to form the cuboidal structure.

CLASS 63B.

136847.

## STATOR ASSEMBLIES FOR DYNAMO ELECTRIC MACHINES.

THE LUCAS ELECTRICAL COMPANY LIMITED, FORMERLY KNOWN AS JOSEPH LUCAS (ELECTRICAL) LIMITED, OF WELL STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Application No. 1596/72 filed October 7, 1972.

Convention date October 8, 1971/(46851/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A method of forming a stator assembly for a dynamo electric machine, of the kind including a laminated member in the form of a helically coiled metal strip comprising driving a metal strip into a former which coils the strip helically and imparting to the strip as it is coiled a set such that the convolutions of the coiled strip produced are biased towards one another in an axial direction by their own inherent resilience.

CLASS 194.

136848.

## IMPROVEMENTS IN OR RELATING TO UMBRELLAS PARASOLS OR LIKE DEVICES.

CHANDANMAL HASTIMAL MEHTA, CHAMPALAL HASTIMAL MEHTA AND MOHANLAL HASTIMAL MEHTA, RESIDING AT 26/28, CHAMPA GALI CROSS LANE, 2ND FLOOR, ROOM NO. 14, VITHALWADI, BOMBAY-2, STATE OF MAHARASHTRA, INDIA.

Application No. 217/72 filed May, 17, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 5 Claims.

An improved umbrella, parasol or like device comprising a framework over which is fitted fabric or like flexible material to form the hood or canopy of the umbrella, the said framework comprising a central stem, near one end of the said central stem being fitted a fixed ring which forms the apex of the canopy of the umbrella, to the said ring being hinged one end of each of the major ribs while the other ends of the major ribs which radiate outwards from the said fixed ring being all free, the said central stem passing through the central hole of a sliding ring or an internal runner, the said sliding ring or internal runner being provided concentrically to the said central stem, each of the said major ribs being provided with a minor rib, one end of each minor rib being hinged to a point near or about the middle of each major rib while the other end of each minor rib being hinged to the said sliding ring or internal runner, the said improved umbrella, parasol or like device being characterised in that the length of the said minor ribs is slightly larger than the distance between the said fixed ring and the said point at which the minor ribs are hinged to the major ribs thereby enabling complete folding of the said framework in a manner exactly opposite to that of a conventional umbrella so that the said framework when folded will have the major ribs lying inwards and the minor ribs lying exteriorly while a major portion of the said central stem projects outwards, the said improved umbrella being further characterised in that the length of the said central stem is very short say equal to about one third or one fourth of that of the stem of a conventional umbrella, the said stem extending from near the apex of the canopy of the umbrella to a point just beyond the chord joining the free ends of the major ribs of the opened umbrella, to that end of the said central stem which emerges out of the said sliding ring being fitted an external or major runner, the said major or external runner comprising a tube and an internal disc which is co-axial with the said tube, the said disc and the said tube which are lying co-axially being connected to each other by means of a radial joint leaving an annular space between the said tube and the said disc; concentric to the said central stem and lying between the said disc and the said sliding ring being mounted a helical compression spring, through the said annular space in the said external or major runner passes a pipe which serves as a central post and a protective sheath for the entire framework and fabric, the said pipe having all along its wall a longitudinal slit, the said slit permitting the insertion and sliding of the said radial joint in the said runner, the length of the said pipe being such as to accommodate the entire length of the folded framework with the said central stem projecting outwards, the bore of the said pipe being adapted to receive the said sliding ring in slide-fit manner and accommodate the entire bulk of the said framework and fabric, the entire umbrella when folded being adapted to slide in and out of the said pipe by means of a gentle pressure of the hand on the said external tube of the said runner, the said pipe at its upper end being provided with an internal collar which prevents the said sliding ring from coming out of the upper end of the said pipe.

CLASS 101F &amp; 195B.

136849.

## IMPROVEMENTS IN OR RELATING TO VALVE TO CONTROL PRESSURE SURGE IN WATER MAINS.

WINAYAK PRABHAKAR BAPAT 1135, SHIVAJI-NAGAR, GOKHALE ROAD, POONA 16, MAHARASHTRA STATE, INDIA, AND VIJAY PRIYAL KULKARNI, MOHOR, 64/71, YERNANDAVANA, POONA 4, MAHARASHTRA STATE, INDIA.

Application No. 98/Bom/72 filed November 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 10 Claims.

A surge control valve for controlling pressure surges in a water main and consisting of a spring or weight loaded air intake valve, an air outlet with a float and an orifice for controlling rate of air escape and two poppets of slightly differing areas mounted on a common spindle and held in closed position by a spring and wherein the movement of opposed poppets is further controlled by an air cylinder and damping cylinder through appropriate linkages.

## CLASS 186E.

136850.

## A COLOR IMAGE DISPLAY SYSTEM.

RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK-10020 UNITED STATES OF AMERICA.

Application No. 162/72 filed May 10, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.

In a color image display system, the combination comprising a color picture tube including an envelope containing a screen of different color phosphor elements and an electron gun assembly disposed within a neck portion of said tube envelope for producing a plurality of beams for impinging on said respective color phosphor elements;

a deflection yoke adapted to be energized to cause said beams to scan respective rasters on said phosphor screen, said yoke having a smallest inner diameter larger than the outer diameter of said neck portion of said tube envelope; and

means for mounting said yoke on said picture tube, said means being selected for allowing transverse movement of said yoke relative to said picture tube while maintaining substantial parallelism of the central longitudinal axes of said yoke and said picture tube such that said yoke can be fixedly mounted in a position providing substantial convergence of said beams and coincidence of said rasters.

CLASS 32F**2**b.

136851.

## PROCESS FOR PREPARING 2-NITROIMIDAZOLES DERIVATIVES.

GRUPPO LEPETIT S.P.A. OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

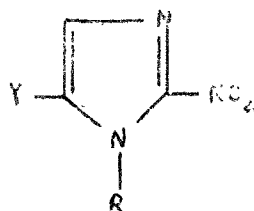
Application No. 2149/Cal/74 filed September 25, 1974.

Division of Application No. 858/72 filed July 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

Process for preparing 2-nitroimidazoles derivatives of the formula I.



wherein R is lower alkyl and Y is vinyl, which comprises treating 1-lower alkyl-5-(2-haloethyl)-2-nitroimidazoles with a strong base selected from alkali hydroxides, tertiary amines, alkaline alkoxides and alkali metal amides in an organic solvent.

## CLASS 34A.

136852.

## PROCEDURE FOR THE PRODUCTION OF CONTINUOUS BICOMPOUND BULKY YARNS AND YARNS OBTAINED THEREBY.

SNAM PROGETTI S.P.A. OF CORSO VENEZIA 16, MILAN, ITALY.

Application No. 1403/72 filed September 13, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 13 Claims.

A process for the production of bulked yarn, which comprises drawing spun yarn formed from continuous conjugate filaments formed from a plurality of polymers and/or copolymers of different chemical and/or physical characteristics,

heating the yarn, giving the yarn a false twist by means of a rotating spindle and passing the yarn while free from tension through a development oven having a temperature of from 100 to 350°C to develop latent crimp therein.

## CLASS 13A+C &amp; 147E.

136853.

## IMPROVEMENTS IN OR RELATING TO GRAMOPHONE RECORD COVERS.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 4QG, ENGLAND.

Application No. 2276/72 filed December 29, 1972.

Convention date December 30, 1971 (60729/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims.—No drawings.

A cover for a gramophone record at least part of the inside surface of which has a pile surface that exerts a wiping action on the surfaces of a record as it is removed from the cover.

## CLASS 27-1+0 &amp; 151F.

136854.

## METHOD AND APPARATUS FOR MAKING STRUCTURAL ELEMENTS.

FRIEZ BLINKE ENGINEERING, OF 55 NECKARS-TRASSI, 6122 ERBACH, WEST GERMANY.

Application No. 1610/72 filed October 9, 1972.

Convention date October 13, 1971/(47717/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 29 Claims.

A method of making structural elements comprising continuously advancingly applying a first layer of plastics material which is from about 0.4 to 0.6 mm in thickness to a heatable metal support; in a preliminary stage of the gelling or polymerisation process which then begins, applying to the first layer a second layer comprising plastic impregnated fibres which are prestressed in the longitudinal direction of the panel-shaped structural element; joining the first and second layers together by applying pressure or blows perpendicularly to their surface and causing polymerisation of the two layers by the action of heat; and, after polymerisation, abruptly changing the temperature of the panel shaped structural element and the support to a different value whereby the panel-shaped structural element is loosened from the support.

## CLASS 205H.

136855.

## PNEUMATIC TYRES.

DUNLOP LIMITED, OF DUNLOP HOUSE, RYDER STREET, ST. JAMES'S, LONDON, S.W. 1, ENGLAND.

Application No. 1506/72 filed September 26, 1972.

Convention date September 29, 1971/(45306/71) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

A pneumatic tyre having an aspect ratio of less than 75% comprising bead portions, a braced treadportion having a substantially flat ground contacting surface and a pair of flexible sidewalls of mutually equal length extending between the bead portions and the tread portion in which the tyre, when mounted on a wheel rim and normally inflated, has a tread portion whose width is greater than the distance between the bead heels in a ratio of at least 1.35-1 and a shape such that the sidewalls are of a short length relative to the section height of the tyre and the width of the tread portion, so that when the tyre is deflated and subjected to a lateral force a restraint to lateral movement of the tread portion in relation to its wheel rim is caused by one sidewall being placed in tension between its edge of the tread and its

bead whilst the other sidewall is folded over the rim flange between its bead and its edge of the tread, the lateral stiffness of the tread portion tending to resist and greater folding.

CLASS 33A.

136856.

MECHANISM FOR REMOVAL OF A ROLL RACK IN A CONTINUOUS CASTING INSTALLATION.

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1248/72 filed August 24, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A mechanism for removal of a roll rack arranged beneath a removable open-ended mould in a continuous-casting machine, said mechanism being characterized by lifting lugs arranged on opposite sides of the roll rack the underside of said lugs being provided with notches and lifting members pivotally mounted on the mould and movable from an inoperative position to a position spaced beneath cooperating notches of said lugs, and releasable holding means retaining the lifting members in said inoperative position

CLASS 158E.

136857.

A SUSPENSION ARRANGEMENT TO PROVIDE SELF-DAMPING ELASTIC ROTATIONAL CONSTRAINT BETWEEN THE BODY AND THE BOGIES OF DIESEL AND ELECTRIC LOCOMOTIVES.

SURENDRA MOHAN BAMMI, ASHUTOSH KUMAR BANERJI AND ABRAHAM NAVAMANI GNANADASS DAVID, OF THE RESEARCH DESIGNS & STANDARDS ORGANISATION, MINISTRY OF RAILWAYS, MANAK NAGAR, LUCKNOW-11, U.P. INDIA.

Application No. 1934/72 filed November 16, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A suspension arrangement for railway rolling stock wherein the body is supported only on two or more bogies each having two or more axles characterized in that said arrangement is provided between the bogie frame and the body and which consists of at least a first member held to the body and at least a second member provided on either sides of said first member and held to the bogie and resilient means provided therebetween.

CLASS 125.

136858.

A PRECISION PIPETTE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 126/Cal/73 filed January 17, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A precision pipette comprising, (i) a threeway stop cock with a delivery tube and an inlet tube, (ii) a main body with a cone at either end and (iii) a zero setting tube whereby when the pipette is connected to a reservoir of water through the inlet tube, a known amount of water is filled into the pipette, excess water flows out through the zero setting tube and the known volume of water can then be delivered through the delivery tube to a vessel to be calibrated characterised in that the main body is provided with a vertical cylindrical threaded neck with a flange and having threaded adjusting cylinder with a bore terminating in the zero setting tube whereby the capacity of the pipette is precisely adjusted to the required value by turning the threaded adjusting cylinder.

CLASS 85M.

136859.

APPARATUS FOR PREHEATING GRANULAR MATERIALS.

PREROVSKE STROJIRNY, NARODNI PODNIK, OF PREROV, CZECHOSLOVAKIA.

Application No. 1736/Cal/73 filed July 25, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Apparatus for heating granular materials, arranged as a vertical shaft with a series of shafts for the preheated material, with material inlet in its upper part, gas conduits for introducing hot gases from a rotary kiln and conduits for the discharge of flue gases, characterised in that the two parallel preheating shafts (1,2) with batching chambers (3,4) and collecting lifters (9,10) are connected to a common inlet chamber (19) of the rotary kiln (20) by means of introducing sockets (5,6) and pairs of gas conduits (7,8) the preheating shafts (1,2) having separate inlet sockets (13,14) for introducing material, connected to its upper part.

CLASS 32F.b.

136860.

A PROCESS FOR THE PRODUCTION OF TEREPHTHALIC ACID, BY THE OXIDATION OF P-XYLENE.

DYNAMIT NOBEL AKTIENGESSELLSCHAFT, OF 521 TROISDORF (BEZ-COIN), WEST GERMANY.

Application No. 546/72 filed June 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.—No drawings.

A process for the production of terephthalic acid of pure white appearance by oxidising *p*-xylene with air or oxygen containing gases in the liquid phase in the presence of (a) cobalt salt and an inorganic bromine containing compound and/or (b) cobalt bromide in an acetic acid solution containing alkali acetate at temperatures from 130 to 150°C and at pressures of 4 to 7 atoms.

CLASS 32F.b.

136861.

A PROCESS FOR THE PREPARATION OF TEREPHTHALIC ACID FROM PARAXYLENE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 986/72 filed July 27, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.—No drawings.

A process for the preparation of terephthalic acid from *p*-xylene which comprises of oxidation of *p*-xylene with air in liquid phase and in acetic acid medium in presence of cobalt acetate and ammonium bromide as catalysts.

CLASS 32F.b.

136862.

A PROCESS FOR THE PRODUCTION OF ISOPHTHALIC ACID BY THE OXIDATION OF M-XYLENE

DYNAMIT NOBEL AKTIENGESSELLSCHAFT OF 521 TROISDORF (BEZ-COIN) WEST GERMANY.

Application No. 2027/Cal/74 filed September 11, 1974

Division of Application No. 546/72 filed June 15, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.—No drawings.

A process for the production of isophthalic acid by oxidising *m*-xylene with air or oxygen containing gases in the liquid phase in the presence of a cobalt and bromine-containing catalyst at a temperature between about 120 to 150°C and pressure between about 3 to 6 atms, wherein oxidation is carried out in a solution of alkali acetate in acetic acid with 0.1 to 15% by weight preferably 0.1 to 5% by weight of alkali acetate.

## OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Albert David Limited to the grant of a Patent on application No. 127576 made by Council of Scientific and Industrial Research.

(2)

An opposition has been entered by Sadashiv Yeshwant Joshi to the grant of a Patent on application No. 135806 made by Onkar Banerjee.

(3)

The opposition entered by Shri Raman Shanmugam Pillai to the grant of a Patent on application No. 131007 made by Shri Oei Ahamed Basha as notified in Part III, Section 2 of the Gazette of India dated the 1st December 1973 has been partly allowed. A patent will be sealed subject to the amendment of specification.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted Specifications are available for sale from the Officer-in-Charge Government of India, Central Book Depot, 8 Hastings Street, Calcutta at two Rupees per copy.

105457 105581 105595 105604 105613 105637 105646 105682  
105707 105716 105718 105720 105749 105751 105761 105770  
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106680. 108079. 108833.

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## PATENTS SEALED

86401 90243 106194 111347 114120 116721 118287 118322  
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134540 134551 134561 134631 134677 134678 134723 135173  
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135730 135737 135746 135751 135760 135761 135762 135772  
135783 135788 135789 135821 135824 135835 135839 135938.

## PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
123820 (31-10-69)	Process for preparing organic phosphorothiolates, compounds so prepared, insecticidal and fungicidal composition containing said compounds.



No.	Title of the invention
123824 (31-10-69)	Process for the production of a solution of high molecular weight tough thermoplastic polyurethane.
124324 (20-12-68)	Manufacture of bipyridylum salts.
124383 (10-12-69)	A process for the reduction of a vat dye or similar type of dyes.
125587 (4-3-70)	Process and apparatus for removing excess carbon dioxide from a crude ammonia synthesis gas used for producing ammonia and urea.
125626 (9-3-70)	Herbicides.
125749 (16-3-70)	Process and apparatus for producing a suspension of particles in a liquid.
125780 (18-3-70)	Purification of molten metals.
125796 (18-3-70)	Catalysts and a process for the polymerization of olefins using the catalysts.
125820 (20-3-70)	A process for the production of an ozone resistant rubber.
125835 (21-3-70)	Catalysts and a process for the polymerization of olefins using the catalysts.
125898 (25-3-70)	Process for producing vinyl chloride by incomplete thermal cracking of 1, 2-dichloroethane and purified 1, 2-dichloroethane produced thereby.
125905 (25-3-70)	Extraction of methyl benzoate.

## RENEWAL FEES PAID

70722	70727	70956	70957	71148	73760	74432	75164	75280
75351	75422	75437	75450	75624	75731	76319	77794	80236
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86547	86569	86727	86736	86746	86936	87051	87054	87086
87508	88125	88935	90725	90726	90727	91277	92074	92186
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126323	126857	126903	126904	128626	128728	128824	129343	
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132924	132963	133157	133173	133604	133669	133945	133955	
133965	134019	134445	134466	134491	134548	134574	134600	
134604	134672	134688	134762	134810	134925	135013	135047	
135058	135085	135093	135097	135138	135232	135331	135386	

135446 135540 135558 135559 135575 135601 135605 135610  
135622 135646 135666 135675 135679 135687 135690 135691  
135692 135722 135727.

## CESSATION OF PATENTS

72479 72480 72481 72599 72600 72601 72664 72679 72712  
72756 72768 72771 72787 72788 72844 72872 73095 73128  
73157 73158 73174 73185 73244 73275 73296 73297 73331  
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73877 73888 73889 73942 74044 74045 74054 74055 80791  
88096 103514 107504 130847.

## RESTORATION PROCEEDINGS

## (1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 113947 granted to Calcutta Footwear Company for an invention relating to "An improved footwear commonly known as slippers or chappals." The patent ceased on 6th January, 1974 due to one-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the G. of I., Part III, Section 2, dated the 12th October, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 15th May, 1975 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of notice.

## (2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 117445, granted to "Sarup Chand Katoch" for an invention relating to "1 cubic yard (.8 cubic meter) pneumatic concrete placer". The patent ceased on the 27th August 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 1st March 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 15th May, 1975 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of notice.

## (3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 133206, granted to Pignone Sud S.p.A. for an invention relating to "An adjusting valve." The patent ceased on the 6th October, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 8th March, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 15th May, 1975 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the fact upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of notice.

(4)

Notice is hereby given that an application for restoration of Patent No. 97810 dated the 8th February, 1965 made by Satishchandra Dahyabhai Patel on the 15th June, 1974 and notified in the Gazette of India Part III, Section 2, dated the 13th July, 1974 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 110034 dated the 1st April, 1967 made by Tractel Tirfor India Private Ltd., on the 16th August, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 12th October, 1974 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 116944 dated the 24th July, 1968 made by Satish Chandra Dahyabhai Patel on the 15th June, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 13th July, 1974 has been allowed and the said patent restored.

S. VEDARAMAN

Controller-General of Patents, Designs  
and Trade Marks.